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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/872,139	05/31/2001	Monte J. Rhoads	42390P11046	1934

8791 7590 05/11/2006

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EXAMINER

DHARIA, PRABODH M

ART UNIT PAPER NUMBER

2629

DATE MAILED: 05/11/2006

Please find below and/or attached an Office communication concerning this application or proceeding.



Art Unit: 2629

1. **Status:** Please all the replies and correspondence should be addressed to examiner new art unit 2629. Receipt is acknowledged of papers submitted on 03-24-2006 under amendments have been placed of record in the file. Claims 7-9, 14, 18-21, 23-27 are pending in this action. Claims 1-6,10-13,15-17, 22 are cancelled.

***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 7-9, 14, 18-21, 23-27 rejected under 35 U.S.C. 103(a) as being unpatentable over Moss et al. (6,144,549) in view of Shiraishi et al. (US 2004/0100621 A1).

Regarding Claims 7,14,18,19, Moss et al. teaches an apparatus comprising: a rack-mount server (Col.1, Lines 45-48, 58, Col. 2, lines 37-41, Col. 4, Lines 30-33, figure 1, Col. 3, lines 41-22, Col. 2, Lines 29-36, Col. 3, Lines 23-38) enclosure having a front face (Col. 3, Line 1); a display device mounted on the front face movably coupled to the enclosure for multiple degrees of freedom of movement for the display device (figure 1, Col. 3, Lines 14-22, Col. 2, Lines 29-36); an end of the display device is coupled to the rack mount server via a movable coupling, to provide multiple degrees of freedom of movement for the display device (Col. 3, Lines 23-38)

Art Unit: 2629

and an adjustable screw (Col. 3, Lines 23-29) to lock the display device at one of a plurality of positions (Col. 3, Lines 29-37).

Moss et al. fails to recite an adjustable screw.

However, Shiraishi et al. teaches an adjustable screw (page 7, paragraph 96, Lines 6-10).

Thus it is obvious to one in the ordinary skill in the art at the time of invention was made to incorporate Shiraishi et al. teaching of an adjustable screw in teaching of Moss et al. to be able to have improved quality of projection type display by converging light valve elements and using light valve means to position the projected images of the color components, with precise positioning control of the display.

Regarding Claim 9,21,24 Moss et al. teaches the display device comprises an LCD (Col. 4, Lines 1-5).

Regarding Claim 8,20,23 Moss et al. fails to teach the adjustable screw is indexed to allow incremental adjustment of the coupled display device.

However, Shiraishi et al. teaches the adjustable screw is indexed to allow incremental adjustment of the coupled display device (page 8, paragraphs 97, 98, teaches 6 degrees of incremental).

Thus it is obvious to one in the ordinary skill in the art at the time of invention was made to incorporate Shiraishi et al. teaching of an adjustable screw indexed to allow incremental adjustment of the coupled display device in teaching of Moss et al. to be able to have improved quality of projection type display by converging light valve elements and using light valve means

Art Unit: 2629

to position the projected images of the color components, with precise positioning control of the display.

4. Claims 25-27 rejected under 35 U.S.C. 103(a) as being unpatentable over Moss et al. (6,144,549) in view of Shiraishi et al. (US 2004/0100621 A1) as applied to claims 7-9,14,18-24 above and further in view of Iredale (6,392,877 B1).

Regarding Claim 25-27 Moss et al. modified by Shiraishi et al. fails to teach the movable coupling is a ball and socket joint.

However, Iredale teaches the movable coupling is a ball and socket joint (Col. 5, Lines 24-34, Col. 6, Lines 64-67).

Thus it is obvious to one in the ordinary skill in the art at the time of invention was made to incorporate Iredale teaching of Ball and socket joint in teaching of Moss et al. modified by Shiraishi et al. to be able to have improved housing that will facilitates adjustment of the display screen to a comfortable viewing angle by tilting to the left or right, in addition to rotate about a generally horizontal axis.

#### ***Response to Arguments***

5. Applicant's arguments, see remark, filed 03-24-2006, with respect to the rejection(s) of claim(s) 7-9,14,18-21,23-27 under new amendments have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration,

Art Unit: 2629

a new ground(s) of rejection is made in view of Moss et al. (6,144,549) in view of Shiraishi et al. (US 2004/0100621 A1) and Iredale (6,392,877 B1).

### ***Conclusion***

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Pohlert et al. (US 2005/0225959 A1) Versatile lighting apparatus and associated kit.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Prabodh M. Dharia whose telephone number is 571-272-7668. The examiner can normally be reached on M-F 8AM to 5PM.

8. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

9. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Application/Control Number: 09/872,139

Page 6

Art Unit: 2629

Any response to this action should be mailed to:


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May 07, 2006



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